Milestone 6.11: Prototype and beta version of XML submission from Scratchpads to publishers

Leading partners: Pensoft, NHM

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Explanation note

This document represents a prototype of a workflow designed to facilitate creation and export of manuscripts from Scratchpads to publishers.

Description of the workflow:

The workflow is illustrated on Fig 1. A single Drupal module (called “Publication”) has been prototyped to support the technical implementation of this workflow within the Scratchpads. This is available from the Scratchpad Subversion repository (http://svn.scratchpads.eu/svn/scratchpads/trunk/modules/publication/) along with other Scratchpad project written dependencies. Software dependencies include the Drupal community’s Organic Groups module (http://drupal.org/project/og) and Content Construction Kit (http://drupal.org/project/cck) modules, in addition to the Scratchpad project’s Species Profile Module (SPM) and Taxonomy Tree modules.

In summary the Publication module provides an intuitive interface that allows users to select and order content from their site and associate this with the publication, providing a many-to-many link between publication objects and other content types (e.g. Image, Bibliography). Thus for example, a single image can be used in many publications, and a single publication can have many images. The module also supports the communication between the user’s Scratchpad and the publisher transferring the TaxPub XML representation of the manuscript to ZooKeys during submission, revision and final acceptance. TaxPub is an extension of the National Library of Medicine (NLM) / National Center for Biotechnology Information (NCBI) Journal Archiving Document Type Defi nition (DTD) for the markup of taxonomic treatments.

The different steps in creating a manuscript are illustrated on Fig 2-10.

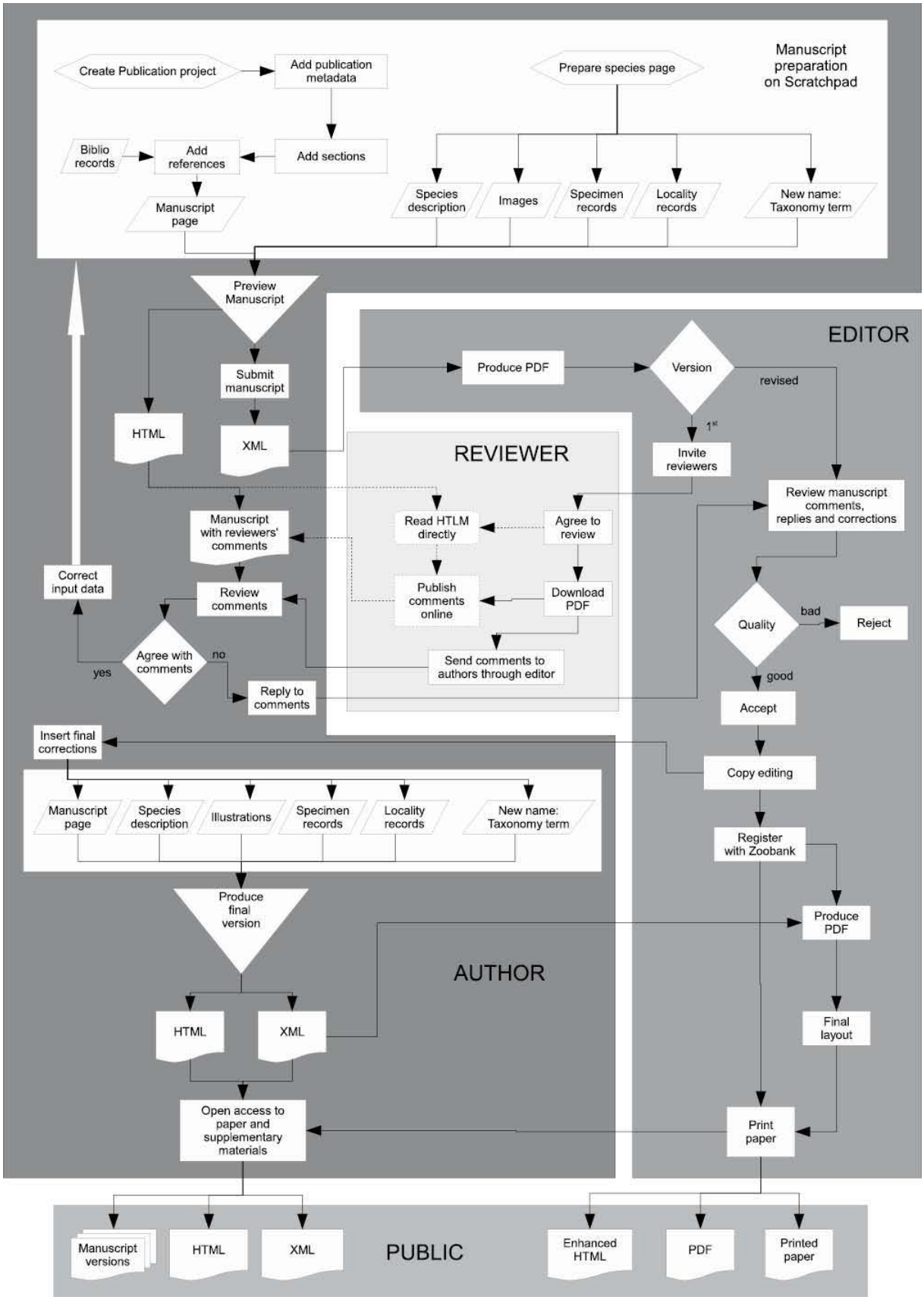

Figure 1. General workflow of Scratchpads/Journal publishing module

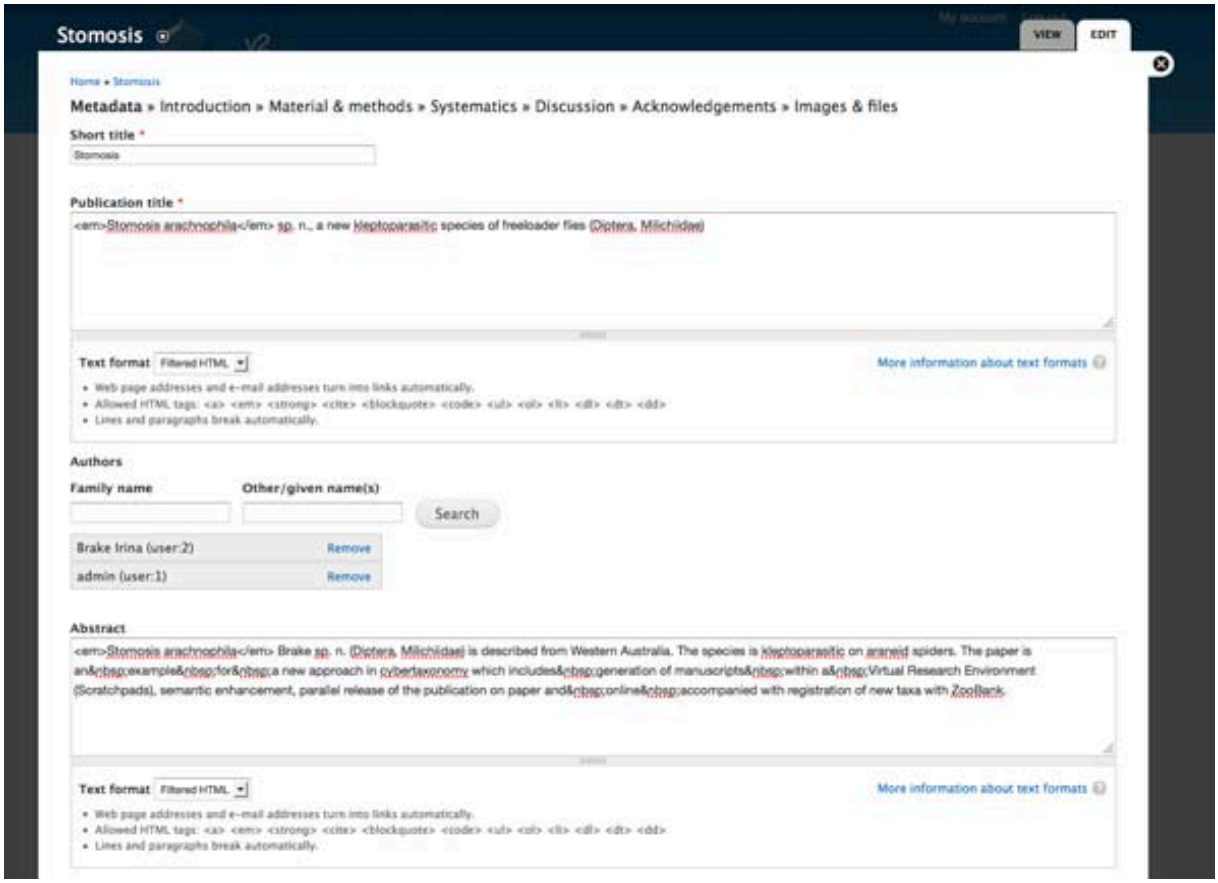

Figure 2. Entering metadata of a manuscript (title, authors, abstract, etc.)

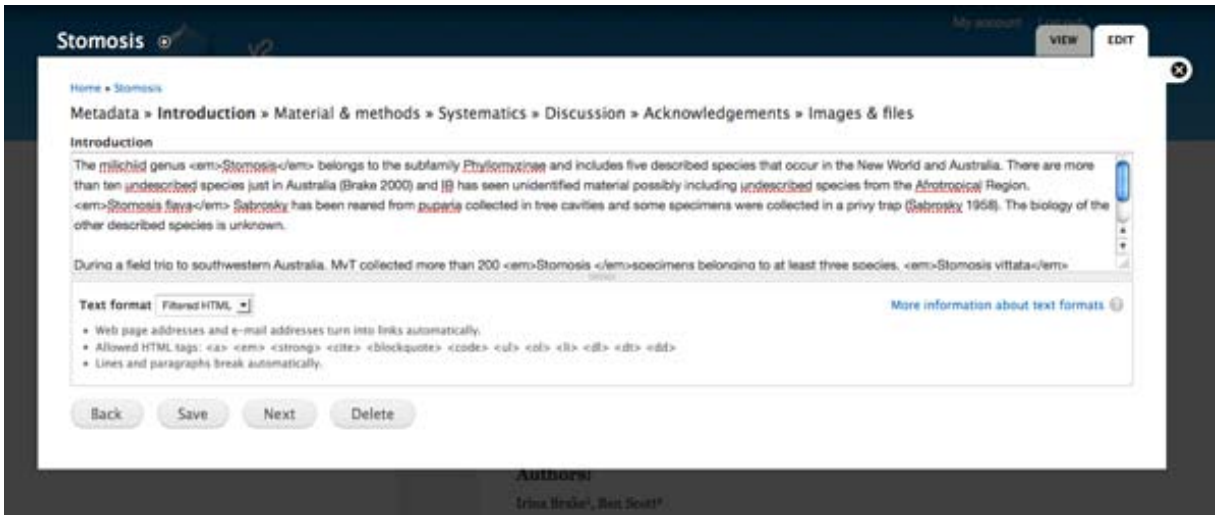

Figure 3. Introduction.

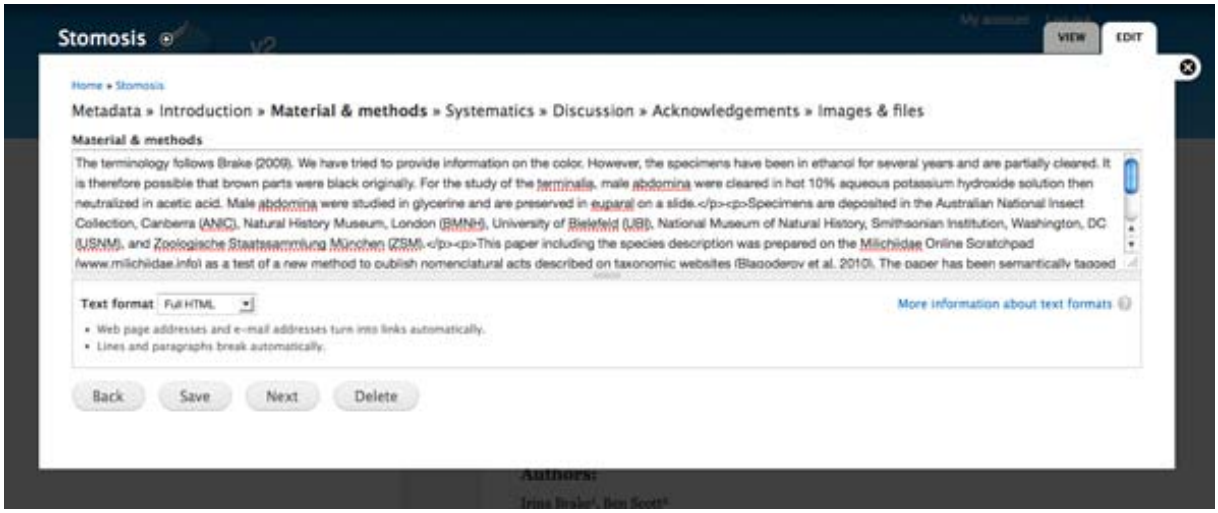

Figure 4. Material and methods

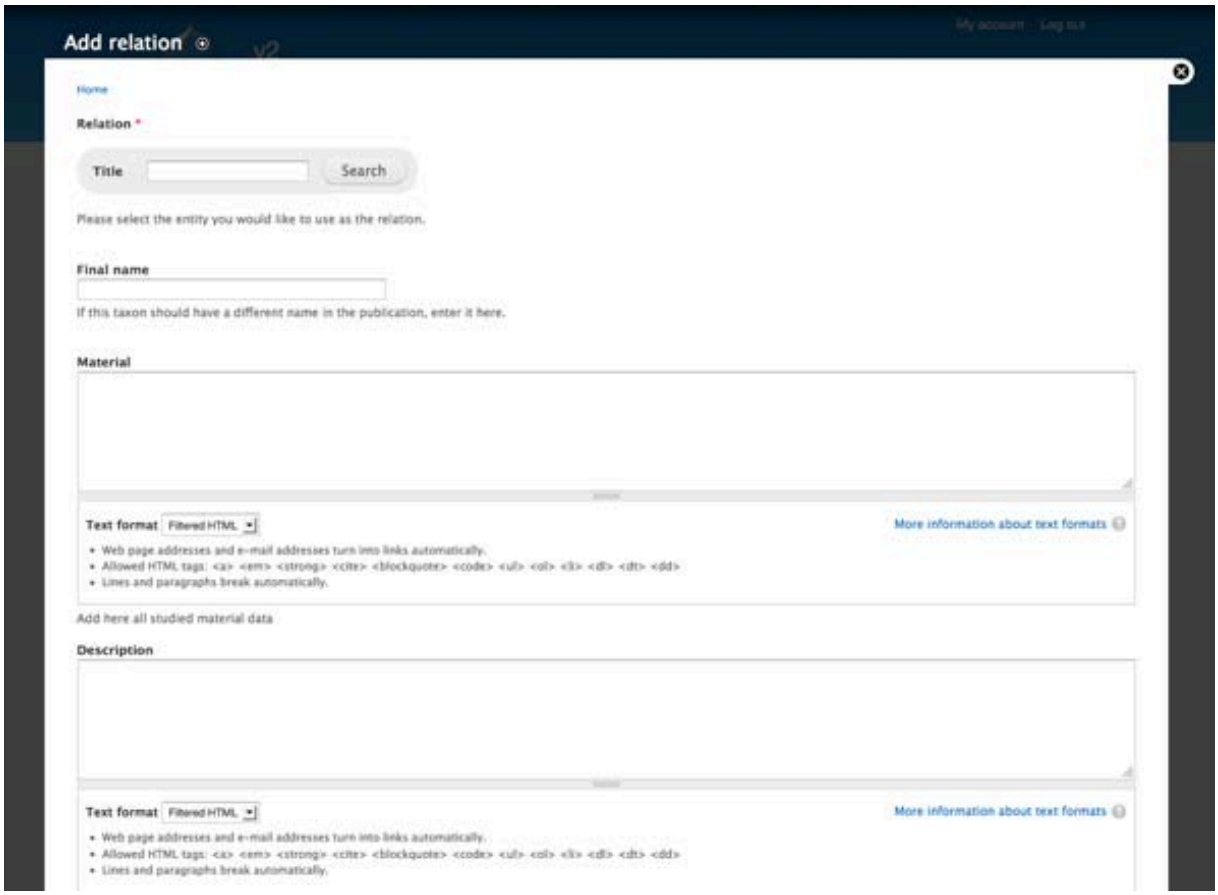

Figure 5. Taxon treatment section

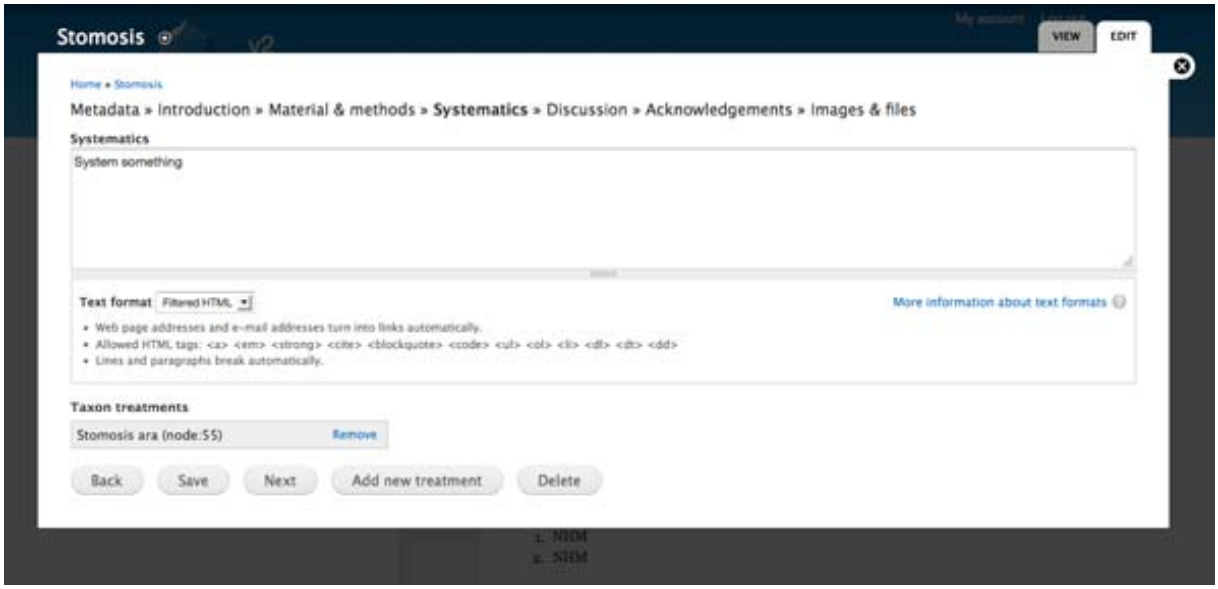

Figure 6. Systematics section

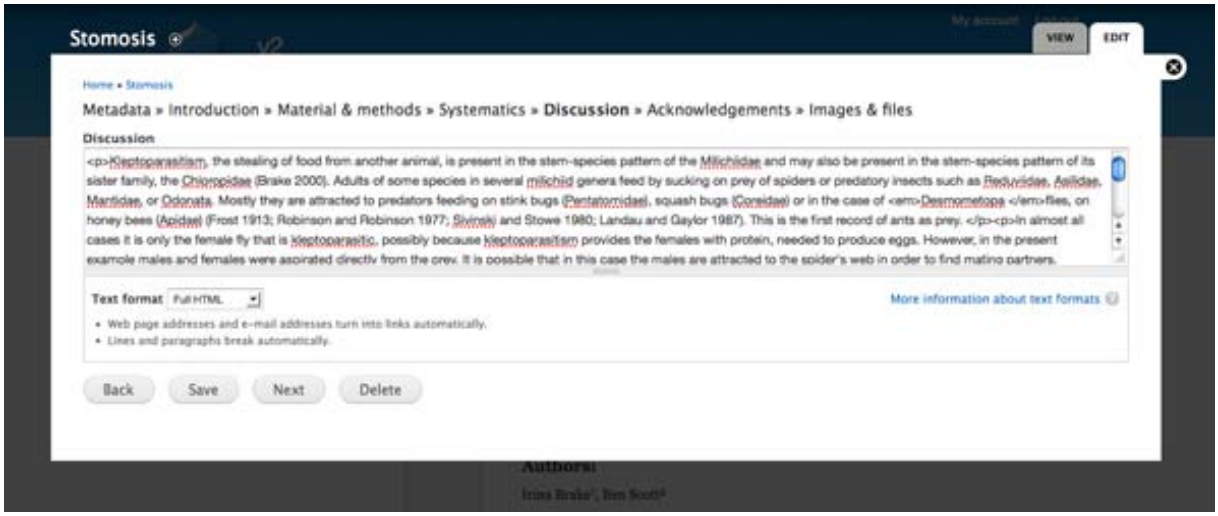

Figure 7. Discussion section

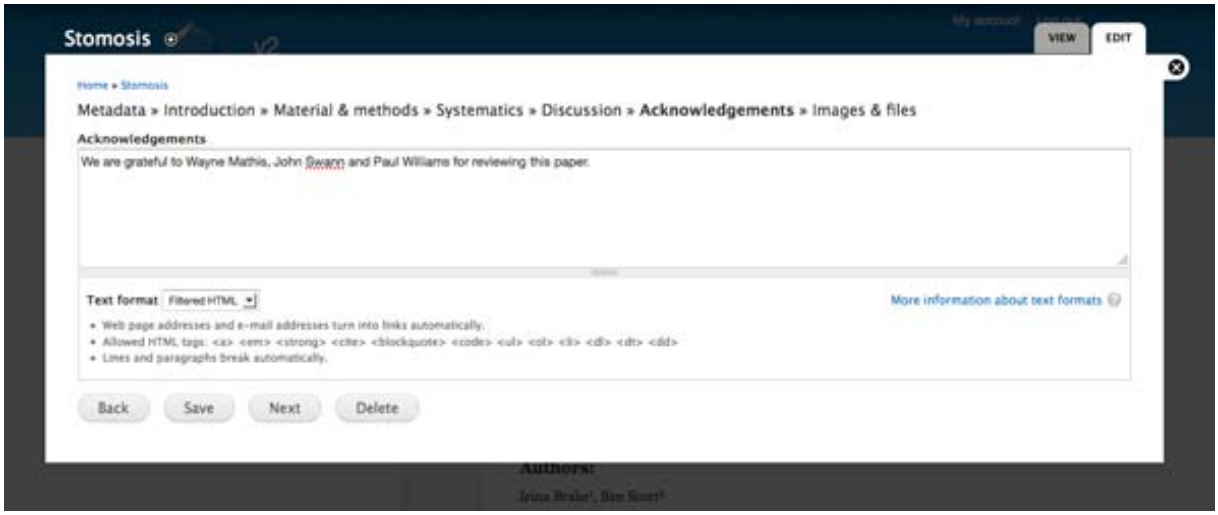

Figure 8. Acknowledgments section

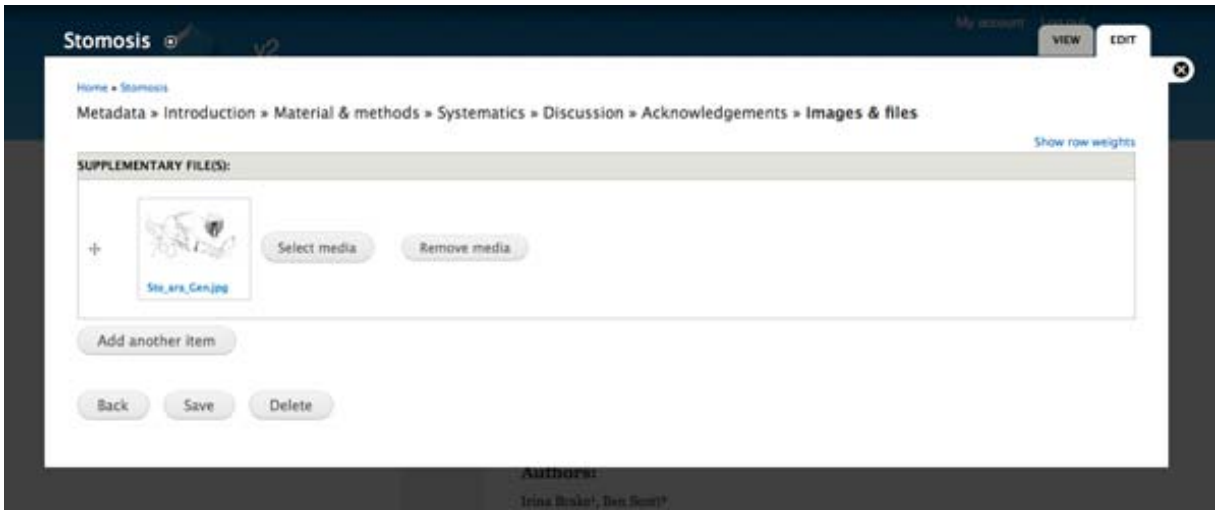

Figure 9. Images and files upload module

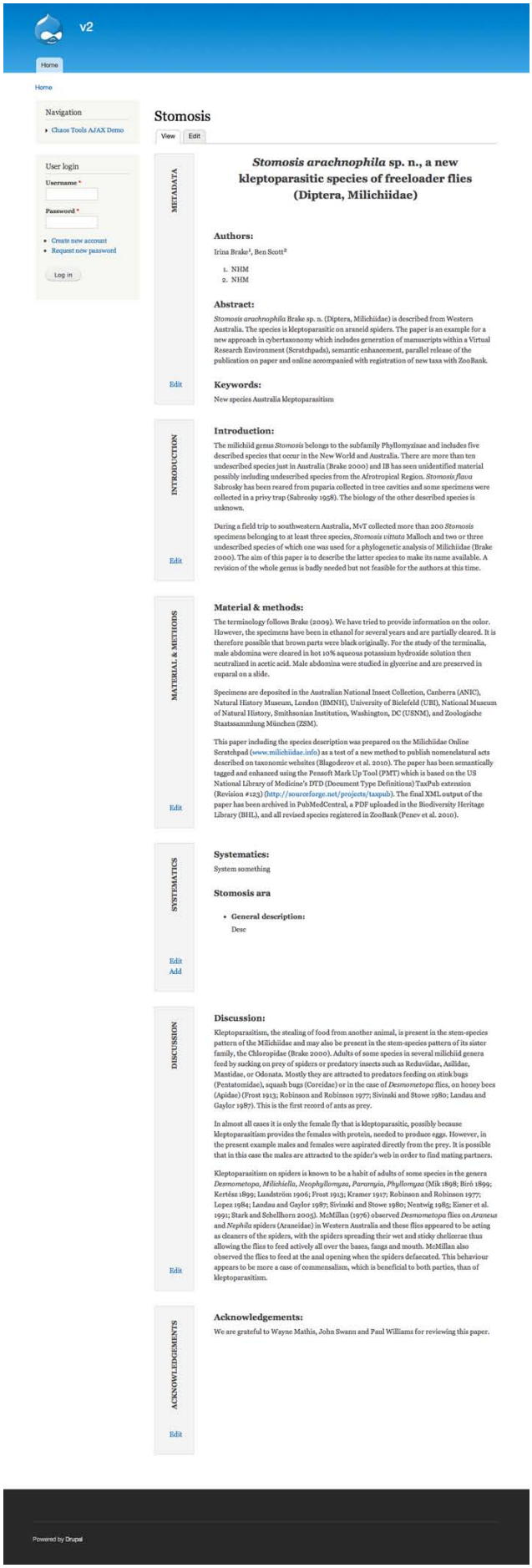

Figure 10. Final structure of a manuscript